

Appln. No. 10/765,432
Amendment dated April 12, 2005
Reply to Office Action mailed January 12, 2005

This listing of claims will replace all prior versions, and listings, of claims in the application:

Listing of Claims (deleted text being struck through and added text being underlined):

1 1. (Currently Amended) A cooling station capable of
2 augmenting cooling for a portable computer, comprising:
3 a fluid reservoir containing a fluid for cooling;
4 a circulating pump coupled to the fluid reservoir; and
5 a first fluid circuit coupled to the circulating pump and the fluid
6 reservoir, the first fluid circuit including at least two first
7 couplers;
8 wherein the first fluid circuit is capable of being coupled to a
9 second fluid circuit associated with the portable computer, the
10 second fluid circuit having at least two second couplers to
11 couple to the at least two first couplers, the cooling station
12 capable of circulating the fluid upon detecting docking
13 between the portable computer and the cooling station;
14 an interface connector; and
15 a controller coupled to the interface connector, the controller
16 capable of detecting docking between the cooling station and
17 the portable computer, and activating the circulating pump
18 upon detecting docking.

2. (Cancelled)

1 3. (Currently Amended) A cooling station in accordance with
2 claim [[[2]]] 1, wherein the controller is capable of de-activating a
3 fan associated with the portable computer upon detecting docking.

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1 4. (Original) A cooling station according to claim 1, wherein
2 the fluid includes one or more of: water, ethylene glycol, propylene
3 glycol, and oil.

1 5. (Original) A cooling station according to claim 1, further
2 including at least one convection vent and wherein the fluid
3 reservoir further includes cooling fins.

1 6. (Currently Amended) A portable computer with
2 augmenting cooling, comprising:
3 a first fluid circuit having at least two first couplers capable of
4 coupling to at least two second couplers associated with a
5 cooling station, the cooling station including:
6 a fluid reservoir containing a fluid for cooling;
7 a circulating pump coupled to the fluid reservoir; and
8 a second fluid circuit coupled to the circulating pump and the fluid
9 reservoir, the second fluid circuit including the at least two
10 second couplers;
11 wherein the first fluid circuit associated with the portable computer
12 is capable of being coupled to second fluid circuit associated
13 with the cooling station, the cooling station capable of
14 circulating the fluid upon detecting docking between the
15 portable computer and the cooling station;
16 an interface connector; and
17 a fan coupled to the interface connector;
18 wherein the cooling station further includes a controller coupled to
19 the interface connector, the controller capable of detecting
20 docking between the cooling station and the portable
21 computer, and activating the circulating pump upon detecting
22 docking.

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7. (Cancelled)

1 8. (Currently Amended) A portable computer in accordance
2 with claim [[[7]]] 6, wherein the fan is capable of being de-
3 activating by the detection circuit upon detecting docking.

1 9. (Original) A portable computer according to claim 6,
2 wherein the fluid includes one or more of: water, ethylene glycol,
3 propylene glycol, and oil.

1 10. (Currently Amended) A system for augmenting cooling,
2 the system comprising:
3 a cooling station having a fluid reservoir containing a fluid for
4 cooling, a circulating pump coupled to the fluid reservoir, and
5 a first fluid circuit coupled to the circulating pump and the
6 fluid reservoir, the first fluid circuit including at least two
7 first couplers; and
8 a portable computer having a second fluid circuit with at least two
9 second couplers coupling to the at least two first couplers
10 associated with ~~a~~ the cooling station;
11 wherein the first and the second fluid circuits are coupled together
12 when the portable computer and the cooling station are
13 docked, and wherein the fluid is capable of being circulated
14 in the first and second fluid circuits with the circulating pump
15 upon detecting docking between the portable computer and the
16 cooling station;
17 wherein the portable computer is characterized by having a
18 clamshell housing with a display portion and a keyboard
19 portion pivotally coupled together.

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1 11. (Currently Amended) A system ~~in accordance with claim~~
2 ~~10, further~~ for augmenting cooling, the system comprising:
3 a cooling station having a fluid reservoir containing a fluid for
4 cooling, a circulating pump coupled to the fluid reservoir, and
5 a first fluid circuit coupled to the circulating pump and the
6 fluid reservoir, the first fluid circuit including at least two
7 first couplers; and
8 a portable computer having a second fluid circuit with at least two
9 second couplers coupling to the at least two first couplers
10 associated with the cooling station;
11 wherein the first and the second fluid circuits are coupled together
12 when the portable computer and the cooling station are
13 docked, and wherein the fluid is capable of being circulated
14 in the first and second fluid circuits with the circulating pump
15 upon detecting docking between the portable computer and the
16 cooling station;
17 an interface connector; and
18 a controller coupled to the interface connector;
19 wherein the controller is configured to detect docking
20 between the cooling station and the portable computer, and to
21 activate the circulating pump upon detecting docking.

1 12. (Original) A system in accordance with claim 11, further
2 comprising:
3 a fan associated with the portable computer, the fan coupled
4 to the interface connector and the controller;
5 wherein the controller is configured to de-activate the fan
6 when docking between the cooling station and the portable computer
7 is detected.

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1 13. (Currently Amended) A system in accordance with claim
2 [[[10]]] 11, wherein the fluid includes one or more of: water,
3 ethylene glycol, propylene glycol, and oil.

1 14. (New) A system in accordance with claim 10, wherein the
2 second fluid circuit is located in the keyboard portion of the
3 clamshell housing of the portable computer.

1 15. (New) A system in accordance with claim 10, wherein the
2 at least two second couplers are located on the keyboard portion of
3 the clamshell housing of the portable computer.